100	13770 7 5		1		
			Subclass	ASSIFICATION	00 11 1 50
930 U.S	12/11/		Class	SSUE CLASS	
U		1	. 5	SS	l

PATENT NUMBER

U.S. **UTILITY** Patent Application

PATENT DATE

1 1 1	, O.I.P.E.	1, -29	
1/1/1	/ O.I.P.E.	1	1000
SCANNED	0 (97	A. F	in

1.1.	1.56		W-54	wife.		3
4.3.						
Kar.			1		1	S
8.						
	334	427			100	4.
		23.7	47.		34	
	1,50		10			
		. 7			1	

	(1
		111
	()
ď.	Ĺ	0
	ι	1

North Control Control Control Control Control						
APPLICATION NO.	CONT/PRIOR	CLASS	SUBCLASS	ART UNIT	EXAMINER	
09/683303		257	787	2827	m I may 1	·

Robert Hilton Sabran Samsuri

APPLICANTS

Flip-chip package with underfill dam that controls stress at chip edges

PTO-204 12/99

ISSUING CLASSIFICATION						
ORIGINAL		CROSS REFERENCE(S)				
CLASS SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
INTERNATIONAL CLASSIFICATION	V					
		The second secon				
	1000	The state of the s				
		Continued on Issue Stip inside File Jacket				

TERMINAL	DRAWINGS		CLAIMS ALLOWED	
U DISCLAIMER	Sheets Drwg, Figs: Drwg.	Print Fig.	Total Claims Print Claim for O.G.	
The term of this patent			NOTICE OF ALLOWANCE MAILED	
aubsequent to(date) has been disclaimed.	(Assistant Examiner)	(Date)		
The term of this patent shall not extend beyond the expiration date.				
of U.S.Patent, No.			ISSUE FEE	
<u> </u>		Para Para Para Para Para Para Para Para	Amount Due Date Paid	
	(Primary Examiner)	(Date)	le de la companya de	
The terminalmonths of this patent have been discialmed.			ISSUE BATCH NUMBER	
	(Legal Instruments Examiner)	(Date)		

WARNING

The Information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

Form PTO-436A

FILED WITH: DISK (CRF) FICHE CD-ROM